

CLAIMS

What is claimed is:

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1. In a computer system, a method for protecting a target file located at a target location, comprising the steps of:
2. generating an archive having an archive file;
3. automatically synchronizing the target file to match the archive file;
4. periodically comparing the target file to the archive file; and
5. updating the target file according to the comparison such that the target file is
6. identical to the archive file.
7. identical to the archive file.

2. The method of claim 1, wherein the archive comprises at least one file collection having the archive file.

3. The method of claim 2, wherein the file collection comprises a current portion and a revisions portion.

4. The method of claim 3, wherein the revisions portion comprises at least one sub-division, wherein each sub-division represents a different revision of the archive file.

5. The method of claim 4, further comprising the step of republishing the target file at the target location using a selected revision.

6. The method of claim 1, wherein the archive further comprises a folder.

7. The method of claim 1, wherein the target file has a first set of associated file statistics and the archive file has a second set of associated file statistics, and wherein the step of periodically comparing comprises comparing the first set of associated file statistics to the second set of associated file statistics.

8. The method of claim 1, wherein the step of periodically comparing comprises comparing a content of the target file to a content of the archive file.

9. The method of claim 1, wherein the archive file comprises a web site file.

10. The method of claim 1, further comprising the steps of:
 updating the archive file of the archive;
 updating an update queue, wherein the update queue stores update information relating to the target file according to the update of the archive file.

11. The method of claim 10, further comprising the step of synchronizing the target file to the archive file according to the update information in the update queue.

1 12. The method of claim 1 further comprising the steps of:
2 moving the target file from the target location to a quarantine area if the step of
3 comparing indicate that the target file differs from the archive file; and
4 copying the archive file from the archive to target file at the target location to
5 synchronize the target location with the archive.

1 13. A computer system for protecting one or more target files located at a target
2 location, comprising:
3 a processor;
4 a memory coupled to the processor;
5 an archive collection of at least one file, wherein the archive collection is stored in
6 the memory; and
7 program code executed by the processor, the program code configured to cause the
8 processor to perform the following steps:

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9 automatically synchronizing each of the target locations to the archive
10 collection, wherein each of the files of the target locations corresponds to a file of the
11 archive collection;

12 comparing each of the files of the target locations to the corresponding file
13 of the archive collection; and

14 updating the files of the target locations according to the step of comparing
15 such that the files of the target locations are rendered identical to the files of the archive
16 collection.

14. The computer system of claim 13, wherein the archive collection comprises
at least one file collection having at least one file.

15. The computer system of claim 14, wherein the file collection comprises a
current portion and a revisions portion.

16. The computer system of claim 15, wherein the revisions portion comprises
at least one sub-division, wherein each sub-division represents a different revision of the
archive collection of files.

17. The computer system of claim 13, wherein the archive collection further
comprises a folder.

18. The computer system of claim 13, wherein the archive collection of files
comprises a web site.

19. The computer system of claim 13 further comprising an update queue,
wherein the update queue stores update information relating to at least one of the target
files at the target location associated with the archive collection of files.

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20. The computer system of claim 13 further comprising a quarantine area comprising at least one file.

21. A computer readable program for protecting one or more files located at one or more target locations, wherein each of the files has a first set of associated file statistics, the computer readable program configured to cause a computer to perform the following method:

generating an archive collection of at least one file having a second set of associated file statistics;

automatically synchronizing each of the target locations to the archive collection, wherein each of the files of the target locations corresponds to a file of the archive collection;

periodically comparing each of the files of the target locations to the corresponding file of the archive collection; and

updating the files of the target locations as necessary, such that the files of the target locations are identical to the files of the archive collection.

22. The computer readable program of claim 21, further configured to cause a computer to generate the archive collection comprising at least one file collection having at least one file.

23. The computer readable program of claim 22, further configured to cause a computer to generate the archive collection comprising at least one file collection, wherein the file collection comprises a current portion and a revisions portion.

24. The computer readable program of claim 23, further configured to cause a computer to generate the archive collection, wherein the revisions portion comprises at least one sub-division, wherein each sub-division represents a different revision of the archive collection of files.

25. The computer readable program of claim 24, further configured to cause a computer to republish the target location to a specific revision of the archive collection.

26. The computer readable program of claim 21, further configured to cause a computer to generate the archive collection, wherein the archive collection further comprises a folder.

27. The computer readable program of claim 21, further configured to cause a computer to perform the step of periodically comparing the first set of associated file statistics of each of the target location files to the second set of associated file statistics of the corresponding archive file.

28. The computer readable program of claim 21, further configured to cause a computer to perform the step of periodically comparing the content of each of the target location files to the content of the corresponding archive file.

29. The computer readable program of claim 21, further configured to cause a computer to generate the archive collection, wherein the archive collection of files comprises a web site.

1 30. The computer readable program of claim 21, further configured to cause a
2 computer to perform the following steps:
3 updating a file of the archive collection of files;
4 updating an update queue, wherein the update queue stores information about files
5 that need to be updated at the target locations associated with the archive collection of
6 files; and
7 repeating the updating a file and updating an update queue steps as necessary to
8 update the archive collection of files.

31. The computer readable program of claim 30, further configured to cause a computer to utilize the update queue to synchronize each of the target locations to the archive collection.

1 32. The computer readable program of claim 21, further configured to cause a
2 computer to perform the following steps:

3 moving files from the target location to a quarantine area, wherein the moved files
4 do not match the corresponding file of the archive collection; and
5 for each moved file, copying the corresponding file from the archive collection to
6 the target location such that the target location is synchronized with the archive collection.

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